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30VM SERIES HIGH PRESSURE NEEDLE VALVES

High Pressure Valve Features:

- Tubing sizes from 1/4" to 1".
- Non-rotating stem prevents stem/seat galling.
- Rising stem/barstock body design.
- Metal-to-metal seating achieves bubble-tight shut-off, longer stem/seat life in abrasive flow, greater durability for repeated on/off cycles and excellent corrosion resistance.
- For dependable stem and body sealing 30SC and 30VM valves are furnished with PTFE (Teflon) encapsulated packing; the 40VM and 60VM valves feature nylon/leather packing below threads..
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Item #	Pressure Rating at Room Temperature	Outside Diameter Tube	Stem Type	Valve Pattern	Connection Type	Orifice Diameter
30VM4071	30000 psi 2068 bar	1/4 in 6.35 mm	VEE	2-Way Straight	F250C	0.094 in 2.39 mm

Item #	Pressure Rating at Room Temperature	Outside Diameter Tube	Stem Type	Valve Pattern	Connection Type	Orifice Diameter
<u>30VM4081</u>	30000 psi 2068 bar	1/4 in 6.35 mm	REG	2-Way Straight	F250C	0.094 in 2.39 mm
<u>30VM6071</u>	30000 psi 2068 bar	3/8 in 9.53 mm	VEE	2-Way Straight	F375C	0.125 in 3.18 mm
<u>30VM6081</u>	30000 psi 2068 bar	3/8 in 9.53 mm	REG	2-Way Straight	F375C	0.125 in 3.18 mm
<u>30VM9071</u>	30000 psi 2068 bar	9/16 in 14.29 mm	VEE	2-Way Straight	F562C	0.125 in 3.18 mm
<u>30VM9081</u>	30000 psi 2068 bar	9/16 in 14.29 mm	REG	2-Way Straight	F562C	0.125 in 3.18 mm
<u>30VM4072</u>	30000 psi 2068 bar	1/4 in 6.35 mm	VEE	2-Way Angle	F250C	0.094 in 2.39 mm
<u>30VM4082</u>	30000 psi 2068 bar	1/4 in 6.35 mm	REG	2-Way Angle	F250C	0.094 in 2.39 mm
<u>30VM6072</u>	30000 psi 2068 bar	3/8 in 9.53 mm	VEE	2-Way Angle	F375C	0.125 in 3.18 mm
<u>30VM6082</u>	30000 psi 2068 bar	3/8 in 9.53 mm	REG	2-Way Angle	F375C	0.125 in 3.18 mm
<u>30VM9072</u>	30000 psi 2068 bar	9/16 in 14.29 mm	VEE	2-Way Angle	F562C	0.125 in 3.18 mm
<u>30VM9082</u>	30000 psi 2068 bar	9/16 in 14.29 mm	REG	2-Way Angle	F562C	0.125 in 3.18 mm
<u>30VM4073</u>	30000 psi 2068 bar	1/4 in 6.35 mm	VEE	3-Way / 2 on Pressure	F250C	0.094 in 2.39 mm
<u>30VM4083</u>	30000 psi 2068 bar	1/4 in 6.35 mm	REG	3-Way / 2 on Pressure	F250C	0.094 in 2.39 mm
<u>30VM6073</u>	30000 psi 2068 bar	3/8 in 9.53 mm	VEE	3-Way / 2 on Pressure	F375C	0.125 in 3.18 mm

Item #	Pressure Rating at Room Temperature	Outside Diameter Tube	Stem Type	Valve Pattern	Connection Type	Orifice Diameter
<u>30VM6083</u>	30000 psi 2068 bar	3/8 in 9.53 mm	REG	3-Way / 2 on Pressure	F375C	0.125 in 3.18 mm
<u>30VM9073</u>	30000 psi 2068 bar	9/16 in 14.29 mm	VEE	3-Way / 2 on Pressure	F562C	0.125 in 3.18 mm
<u>30VM9083</u>	30000 psi 2068 bar	9/16 in 14.29 mm	REG	3-Way / 2 on Pressure	F562C	0.125 in 3.18 mm
<u>30VM4074</u>	30000 psi 2068 bar	1/4 in 6.35 mm	VEE	3-Way / 1 on Pressure	F250C	0.094 in 2.39 mm
<u>30VM4084</u>	30000 psi 2068 bar	1/4 in 6.35 mm	REG	3-Way / 1 on Pressure	F250C	0.094 in 2.39 mm
<u>30VM6074</u>	30000 psi 2068 bar	3/8 in 9.53 mm	VEE	3-Way / 1 on Pressure	F375C	0.125 in 3.18 mm
<u>30VM6084</u>	30000 psi 2068 bar	3/8 in 9.53 mm	REG	3-Way / 1 on Pressure	F375C	0.125 in 3.18 mm
<u>30VM9074</u>	30000 psi 2068 bar	9/16 in 14.29 mm	VEE	3-Way / 1 on Pressure	F562C	0.125 in 3.18 mm
<u>30VM9084</u>	30000 psi 2068 bar	9/16 in 14.29 mm	REG	3-Way / 1 on Pressure	F562C	0.125 in 3.18 mm
<u>30VM4872</u>	30000 psi 2068 bar	1/4 in 6.35 mm	VEE	2-Way Angle / Replaceable Seat	F250C	0.094 in 2.39 mm